

FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

SHPR-01041USP

Serial No.

10/074,339

INFORMATION DISCLOSURE CITATION  
BY APPLICANT

Applicant

Charles E. Taylor et al.

Filing Date

February 12, 2002

Group Art Unit

1711

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Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
tt	1.	1,791,338 A	2/3/1931	Wintermute			4/12/1927
	2.	1,869,335 A	7/26/1932	Day			12/13/1926
	3.	2,359,057 A	9/26/1944	Skinner			2/28/1942
	4.	2,509,548 A	5/30/1950	White			5/27/1948
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	6.	3,026,964 A	3/27/1962	Penney			5/6/1959
	7.	3,518,462 A	6/30/1970	Brown			8/21/1967
	8.	3,581,470 A	6/1/1971	Aitkenhead et al.			12/30/1969
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	14.	4,284,420 A	8/18/1981	Borysiak			8/27/1979
	15.	4,318,718 A	3/9/1982	Utsumi et al.			7/14/1980
	16.	4,357,150 A	11/2/1982	Masuda et al.			2/5/1981
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	19.	4,587,475 A	5/6/1986	Finney, Jr. et al.			7/25/1983
	20.	4,686,370 A	8/11/1987	Blach			2/13/1985
	21.	4,689,056 A	8/25/1987	Noguchi et al.			8/29/1986
	22.	4,726,812 A	2/23/1988	Hirth			3/26/1987
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	26.	4,786,844 A	11/22/1988	Farrell et al.			3/30/1987
	27.	Re. 33,927	5/19/1992	Fuzimura			9/15/1989
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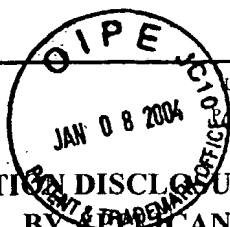
tt	29.	5,296,019 A	3/22/1994	Oakley et al.		8/24/1992
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	32.	5,698,164 A	12/16/1997	Kishioka et al.		3/30/1995
	33.	5,997,619 A	12/7/1999	Knuth et al.		7/10/1998
	34.	6,118,645 A	9/12/2000	Partridge		4/6/1995
	35.	6,126,727 A	10/3/2000	Lo		1/28/1999
	36.	6,228,149 B1	5/8/2001	Alenichev et al.		1/20/1999
	37.	6,282,106 B2	8/28/2001	Grass		12/20/2000
	38.	6,348,103 B1	2/19/2002	Ahlborn et al.		4/3/1999
	39.	6,362,604 B1	3/26/2002	Cravey		9/28/1999
	40.	6,373,723 B1	4/16/2002	Wallgren et al.		6/18/1999
	41.	6,447,587 B1	9/10/2002	Pillion et al.		12/6/2001
	42.	6,451,266 B1	9/17/2002	Lau et al.		9/25/2000
	43.	6,464,754 B1	10/15/2002	Ford		2/29/2000
	44.	6,471,753 B1	10/29/2002	Ahn et al.		10/29/2002
	45.	6,504,308 B1	1/7/2003	Krichtafovitch et al.		10/14/1999
	46.	6,603,268 B2	8/5/2003	Lee		12/22/2000
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*	48.	<del>2002/0069760 A1</del>	<del>6/13/2002</del>	Pruette et al.
	49.	<del>2002/0144601 A1</del>	<del>10/10/2002</del>	Palestro et al.
	50.	<del>2002/0152890 A1</del>	<del>10/24/2002</del>	Leiser
	51.	<del>2002/0170435 A1</del>	<del>11/21/2002</del>	Joannou
	52.	<del>2002/0190658 A1</del>	<del>12/19/2002</del>	Lee
	53.	<del>2002/0195951 A1</del>	<del>12/26/2002</del>	Lee
*	54.	<del>2003/0005824 A1</del>	<del>1/9/2003</del>	Katou et al.

\* Not considered by examiner.

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Applicant  
Charles E. Taylor et al.

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Group Art Unit  
1711

**PENDING U.S. PATENT APPLICATIONS**

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
*	55.	10/278,193	10/21/2002	Reeves		X
*	56.	10/405,193	4/1/2003	Taylor		X

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document Number	Publication Date	Country	Translation	
					Yes	No
th	57.	WO00/10713 A1	3/2/2000	International	✓	
	58.	WO01/64349 A1	9/7/2001	International	✓	
	59.	WO01/85348 A2	11/15/2001	International	✓	
	60.	WO02/20162 A2	3/14/2002	International	✓	
	61.	WO02/20163 A2	3/14/2002	International	✓	
	62.	WO02/30574 A1	4/18/2002	International	✓	
	63.	WO02/32578 A1	4/25/2002	International	✓	
	64.	WO02/42003 A1	5/30/2002	International	✓	
	65.	WO02/066167 A1	8/29/2002	International	✓	
	66.	WO03/009944 A1	2/6/2003	International	✓	
	67.	WO03/013620 A1	2/20/2003	International	✓	
✓	68.	EP 0433152 A1	12/10/1990	Europe	✓	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

th	69.	Trion Console 250 Electronic Air Purifier, photos and web literature from <a href="http://www.ontimemall.com/trionconsole250electronic.html">http://www.ontimemall.com/trionconsole250electronic.html</a> and <a href="http://www.airfilters.net/netplace/hepa/250.html">http://www.airfilters.net/netplace/hepa/250.html</a> , Dates Unknown

EXAMINER

Thao Tran

DATE CONSIDERED

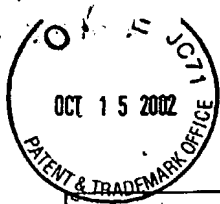
4/29/04

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN \_\_\_\_\_, filed \_\_\_\_\_, 20\_\_\_\_, relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN \_\_\_\_\_, filed \_\_\_\_\_, 20\_\_\_\_, relied on under 35 USC §120.

\* Not considered by Examiner.



Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number SHPR-01041USP	Serial/Patent Number 10/074,339
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant/Patent Owner Charles E. Taylor and Jim L. Lee	
		Filing/Issue Date February 12, 2002	Group Art Unit 1741

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 OCT 17 2002  
 TC 1700

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<i>A</i>	1.	2,949,550	Aug. 16, 1960	Brown	310	5	Jul. 3, 1957
	2.	4,052,177	Oct. 4, 1977	Kide	55	139	Mar. 1, 1976
	3.	4,138,233	Feb. 6, 1979	Masuda	55	139	Jun. 16, 1977
	4.	4,209,306	Jun. 24, 1980	Feldman et al.	55	2	Nov. 13, 1978
	5.	4,231,766	Nov. 4, 1980	Spurgin	55	138	Dec. 11, 1978
	6.	4,232,355	Nov. 4, 1980	Finger et al.	361	235	Jan. 8, 1979
	7.	4,244,712	Jan. 13, 1981	Tongret	55	124	Mar. 5, 1979
	8.	4,259,452	Mar. 31, 1981	Yukuta et al.	521	52	May 15, 1979
	9.	4,266,948	May 12, 1981	Teague et al.	55	126	Jan. 4, 1980
	10.	4,282,014	Aug. 4, 1981	Winkler et al.	55	105	May 21, 1979
	11.	4,342,571	Aug. 3, 1982	Hayashi	55	137	Jun. 14, 1978
	12.	4,386,395	May 31, 1983	Francis, Jr.	363	27	Dec. 19, 1980
	13.	4,413,225	Nov. 1, 1983	Donig et al.	323	246	Jul. 17, 1981
	14.	4,445,911	May 1, 1984	Lind	55	2	Dec. 15, 1981
	15.	4,502,002	Feb. 26, 1985	Ando	323	237	Sep. 2, 1982
	16.	4,536,698	Aug. 20, 1985	Shevalenko et al.	323	237	Aug. 25, 1983
	17.	4,600,411	Jul. 15, 1986	Santamaria	55	139	Apr. 6, 1984
	18.	4,601,733	Jul. 22, 1986	Ordines et al.	55	139	Sep. 27, 1984
	19.	4,626,261	Dec. 2, 1986	Jorgensen	55	2	Dec. 12, 1985
	20.	4,643,745	Feb. 17, 1987	Sakakibara et al.	55	137	Dec. 17, 1984
	21.	4,659,342	Apr. 21, 1987	Lind	55	2	Apr. 30, 1984
<i>U</i>	22.	4,674,003	Jun. 16, 1987	Zylka	361	235	Apr. 3, 1985

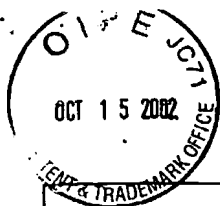


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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
ht	23.	4,694,376	Sep. 15, 1987	Gesslauer	361	235	Sep. 26, 1985
	24.	4,713,093	Dec. 15, 1987	Hansson	55	139	Jul. 8, 1986
	25.	4,779,182	Oct. 18, 1988	Mickal et al.	363	37	Jun. 24, 1986
	26.	4,808,200	Feb. 28, 1989	Dallhammer et al.	55	105	Nov. 12, 1987
	27.	4,940,470	Jul. 10, 1990	Jaisinghani et al.	55	2	Mar. 23, 1988
	28.	5,010,869	Apr. 30, 1991	Lee	123	539	Aug. 11, 1989
	29.	5,196,171	Mar. 23, 1993	Peltier	422	121	Mar. 11, 1991
	30.	5,217,504	Jun. 8, 1993	Johansson	55	2	Mar. 20, 1990
	31.	5,302,190	Apr. 12, 1994	Williams	95	57	Jun. 8, 1992
	32.	5,315,838	May 31, 1994	Thompson	62	129	Aug. 16, 1993
	33.	5,378,978	Jan. 3, 1995	Gallo et al.	323	241	Apr. 2, 1993
	34.	5,484,472 C1	Feb. 20, 2001	Weinberg	96	26	Feb. 6, 1995
	35.	5,578,112	Nov. 26, 1996	Krause	96	24	Jun. 1, 1995
	36.	5,667,564	Sep. 16, 1997	Weinberg	96	58	Aug. 14, 1996
	37.	5,814,135	Sep. 29, 1998	Weinberg	96	58	Sep. 15, 1997
	38.	5,879,435	Mar. 9, 1999	Satyapal et al.	96	16	Jan. 6, 1997
	39.	5,893,977	Apr. 13, 1999	Pucci	210	739	May 12, 1997
	40.	5,972,076	Oct. 26, 1999	Nichols et al.	95	81	Sep. 28, 1998
	41.	6,019,815	Feb. 1, 2000	Satyapal et al.	95	74	Sep. 11, 1998
	42.	6,042,637	Mar. 28, 2000	Weinberg	96	58	Sep. 28, 1998
	43.	6,063,168	May 16, 2000	Nichols et al.	96	80	Aug. 11, 1997
	44.	6,086,657	Jul. 11, 2000	Freije	95	2	Feb. 16, 1999
	45.	6,149,717	Nov. 21, 2000	Satyapal et al.	96	16	Dec. 22, 1998
	46.	6,149,815	Nov. 21, 2000	Sauter	210	635	Nov. 23, 1999
	47.	6,182,461 B1	Feb. 6, 2001	Washburn et al.	62	264	Jul. 16, 1999
	48.	6,193,852 B1	Feb. 27, 2001	Caracciolo et al.	204	176	May 28, 1997
	49.	6,212,883 B1	Apr. 10, 2001	Kang	60	275	Mar. 3, 2000
✓	50.	6,252,012 B1	Jun. 26, 2001	Egitto et al.	525	431	Aug. 30, 1999



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Sheet 1 of 2

TC 1700

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
HC	51.	6,270,733 B1	Aug. 7, 2001	Rodden	422	186.07	Feb. 17, 2000
	52.	6,277,248 B1	Aug. 21, 2001	Ishioka et al.	204	176	Jan. 5, 2000
	53.	D449,097 S	Oct. 9, 2001	Smith et al.	D23	364	May 1, 2000
	54.	6,302,944 B1	Oct. 16, 2001	Hoenig	96	16	Apr. 18, 2000
	55.	D449,679 S	Oct. 23, 2001	Smith et al.	D23	365	May 1, 2000
	56.	6,309,514 B1	Oct. 30, 2001	Conrad et al.	204	164	Nov. 7, 1994
	57.	6,312,507 B1	Nov. 6, 2001	Taylor et al.	96	19	Feb. 12, 1999
	58.	6,315,821 B1	Nov. 13, 2001	Pillion et al.	96	416	Jan. 11, 2001
	59.	6,328,791 B1	Dec. 11, 2001	Pillion et al.	96	418	May 3, 2000
	60.	6,350,417 B1	Feb. 26, 2002	Lau et al.	422	186.04	May 4, 2000
	61.	6,372,097 B1	Apr. 16, 2002	Chen	204	176	Apr. 14, 2000
	62.	6,379,427 B1	Apr. 30, 2002	Siess	95	57	Dec. 6, 1999
✓	63.	6,391,259 B1	May 21, 2002	Malkin et al.	422	28	Jun. 26, 1997

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Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No		
*	64.	<del>09/197,131</del>	<del>Nov. 20, 1998</del>	<del>Taylor et al.</del>			X
	65.	<del>09/669,253</del>	<del>Sep. 25, 2000</del>	<del>Taylor et al.</del>			X
	66.	<del>09/669,268</del>	<del>Sep. 25, 2000</del>	<del>Taylor et al.</del>			X
	67.	<del>09/730,499</del>	<del>Dec. 5, 2000</del>	<del>Taylor et al.</del>			X
	68.	<del>09/742,814</del>	<del>Dec. 19, 2000</del>	<del>Taylor et al.</del>			X
	69.	<del>09/774,198</del>	<del>Jan. 29, 2001</del>	<del>Taylor</del>			X
*	70.	<del>60/306,479</del>	<del>July 18, 2001</del>	<del>Taylor</del>			X

\* Not considered by Examiner.



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Sheet 1 of 2

## PENDING U.S. PATENT APPLICATIONS

TC 1700

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No
<i>tt</i>	71.	<del>09/924,624</del>	Aug. 8, 2001	Taylor et al.	X
	72.	<del>09/924,600</del>	Aug. 8, 2001	Taylor et al.	X
	73.	<del>60/341,179</del>	Dec. 13, 2001	Taylor et al.	X
	74.	<del>60/340,702</del>	Dec. 13, 2001	Taylor et al.	X
	75.	<del>60/341,377</del>	Dec. 13, 2001	Taylor et al.	X
	76.	<del>60/341,518</del>	Dec. 13, 2001	Taylor	X
	77.	<del>60/340,288</del>	Dec. 13, 2001	Taylor	X
	78.	<del>60/341,176</del>	Dec. 13, 2001	Taylor	X
	79.	<del>60/340,462</del>	Dec. 13, 2001	Taylor	X
	80.	<del>60/341,090</del>	Dec. 13, 2001	Taylor	X
	81.	<del>60/341,433</del>	Dec. 13, 2001	Taylor	X
	82.	<del>60/341,592</del>	Dec. 13, 2001	Taylor	X
	83.	<del>60/341,320</del>	Dec. 13, 2001	Taylor	X
	84.	<del>10/074,082</del>	Feb. 12, 2002	Taylor et al.	X
	85.	<del>10/074,379</del>	Feb. 12, 2002	Taylor et al.	X
	86.	<del>10/156,158</del>	May 28, 2002	Taylor et al.	X
	87.	<del>60/391,070</del>	Jun. 6, 2002	Reeves	X
<i>tt</i>	88.	<del>10/188,668</del>	Jul. 2, 2002	Taylor et al.	X

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No
<i>tt</i>	89.	WO 01/47803 A1	Jul. 5, 2001	PCT			✓
	90.	WO 01/48781 A1	Jul. 5, 2001	PCT			✓
	91.	FR 2690509	Oct. 29, 1993	France			✓
	92.	JP 10137007	May 26, 1998	Japan			✓

*\* Not considered by Examiner.*

- 7 -

Sheet 1 of 2

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation	
							Yes	No
H	93.	JP 11104223	Apr. 20, 1999	Japan			✓	
✓	94.	JP 2000236914	Sept. 5, 2000	Japan			✓	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)		
H	95.	LENTEK Silā™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999.
Examiner	Thao Tran	Date Considered 5/12/04
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.		
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